

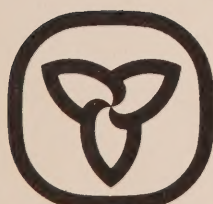
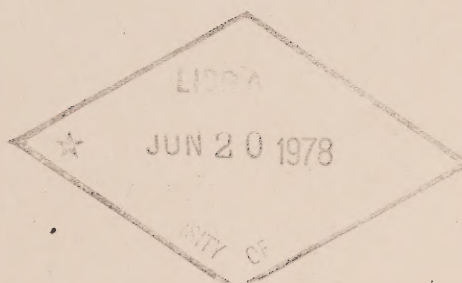
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Government
Publications



Oil and Gas Statistics

February 1978



Ontario

Ministry
of
Energy

OIL AND GAS STATISTICS

FEBRUARY 1978

22-22-12

This is the last edition of "Oil and Gas Statistics".

The Ministry of Energy is reviewing its publications to bring their content up to date and to improve the use of the documents.

As a result of this review, the information contained in this report is available in the following form:

ISSUED BY

MINISTRY OF ENERGY
As the work of the Ministry of Energy is to provide the public with the information it needs, the publication of this report is a priority.

Readers are advised that the data contained in this report can be found in Statistics Canada publications. Statistics Canada, 22-22-12, 22-22-12 and 22-22-12.

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TORONTO, ONTARIO**

P R E F A C E

This is the last edition of "Oil and Gas Statistics".

The Ministry of Energy is reviewing its publications to improve their content and timeliness and to maximize the use of the resources assigned to this activity. Since the information contained in this report is available from Statistics Canada in roughly the same time frame, it has been decided to discontinue the publication of this report.

Readers are advised that the data published in this report can be found in Statistics Canada publications (Catalogue Nos. 26-006, 45-004 and 55-002).

OIL AND GAS STATISTICS

FEBRUARY 1978

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Petroleum in Ontario

Summary

In the first nine months of 1977, consumption of oil increased nearly 5 percent over the level for the corresponding period of 1976.

Production from Ontario oil fields in 1977 decreased 1 percent from 1976 levels. Deliveries from western Canada were down slightly. Imports of U.S. domestic crude oil, in exchange for western Canadian crude supplied to U.S.A. refineries, increased substantially.



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Ontario Crude Oil Production

In 1977, Ontario crude oil production decreased by 1 percent from 1976 levels. Ontario production continued to supply less than one half of one percent of provincial demand.

Crude Oil Production in Ontario

Comparative Totals in Barrels, Fourth Quarter and
and 1977 Year

(Preliminary)

In Barrels

Period	Production		Percent Changes	
	1977	1976	1977/76	1976/75
October	47,564	49,563	-4.0	- 6.3
November	49,003	50,318	-2.6	- 1.2
December	39,613	42,995	-7.9	-19.8
Total - fourth quarter	136,180	142,876	-4.7	- 9.3
Total - Jan. - Sept.	479,633	477,287	0.5	-12.0
Totals - for year	615,813	620,163	-0.7	-11.4

Western Canada Crude and Other Supplies

In the first nine months of 1977, oil supplies from western Canada decreased 1 percent to about 445,700 barrels per day (bpd). Western Canadian deliveries accounted for almost 90 percent of total Ontario crude oil receipts. Alberta contributed 72 percent, Saskatchewan 15 percent, and Manitoba only 2 percent.

Imports from U.S.A. received in exchange for equal deliveries of western Canadian crude oil to U.S. refineries, averaged 51,500 bpd and accounted for about 10 percent of total receipts.

(1)

Oil in Ontario

Comparative Receipts and Disposition
January to September 1977

(Preliminary)

<u>Supply</u>	<u>Quantities in Thousands of Barrels</u>	<u>Total</u>	<u>Percent Changes</u>	
			<u>1977/76</u>	<u>1976/75</u>
Crude oil:				
Ontario production	480	0.3	0.6	-12.0
From Western provinces (2)	120,346	71.8	-1.0	0.7
Imports from U.S.A. (3)	13,904	8.3	7624.4	-
Net transfers and other materials	1,735	1.0	N/C	N/C
Total run to stills	136,465	81.4	10.3	1.4
Products:				
Transfers from other provinces	26,575	15.9	9.1	-15.7
Imports	2,596	1.5	68.9	-14.0
Other receipts	2,076	1.2	-61.5	6.7
Total product receipts	31,247	18.6	- 0.1	-12.5
Total Supply	167,712	100.0	8.2	- 1.7
<u>Disposition of products</u>				
Consumption:				
Sales	144,634	86.3	4.0	3.6
Company use	9,436	5.6	15.7	8.0
Total consumption	154,070	91.9	4.6	3.8
Other:				
Transfers to other provinces	2,772	1.6	-25.9	17.5
Exports	6,368	3.8	- 1.5	- 7.1
Inventory changes	6,506	3.9	N/C	N/C
Losses	-2,004	-1.2	N/C	N/C
Total other disposition	13,642	8.1	75.5	-51.2
Total disposition	167,712	100.0	8.2	- 1.7

(1) Based on Statistics Canada 45-004.

(2) Crude oil, condensate and pentanes plus, comingled propane and butane mixes.

(3) U.S.A. domestic crude oil in exchange for equal deliveries of western Canada crude to refineries in the U.S.A.

N/C = Not Comparable

NATURAL GAS IN ONTARIO

Summary

In 1977, consumption of natural gas in Ontario decreased by 1 percent from 1976 levels.

Supplies from both western Canada and from storage increased 3 percent. Injections into storage were 35 percent higher. No imports from U.S.A. were recorded; exports to U.S.A. rose 15 percent. Ontario production was substantially higher than the level of 1976.

Ontario Production

In the fourth quarter of 1977, Ontario natural gas production more than doubled the 1976 levels. This resulted from increased production in Lake Erie, which accounted for over 65 percent of total.

Gas Storage

In the fourth quarter of 1977, withdrawals of natural gas from storage decreased nearly 40 percent from the level of 1976. The major withdrawals occurred in December. In 1977, total withdrawals for the year were 3 percent lower than 1976 levels.

Injections into storage increased 45 percent in the fourth quarter. For 1977, injections were up 35 percent over 1976 levels. At the end of December, the balance of gas held in storage totalled about 123 billion cubic feet. 20 percent higher than in 1976.

Transmission

In the fourth quarter of 1977, receipts of natural gas from western Canada were 2 percent higher than 1976 levels. For the year, deliveries were up 3 percent.

Consumption of gas in transmission and distribution activities during the year increased 15 percent.

NATURAL GAS IN ONTARIO

COMPARATIVE RECEIPTS & DISPOSITION

1977 Year
(Preliminary)

In Thousands Cubic Feet

			Percent	Changes
	1977	1976	1977/76	1976/75
<u>RECEIPTS</u>				
Produced	8,432,764	5,390,533	56.4	-50.5
Withdrawn from Storage	121,016,700	117,437,523	3.1	18.5
From Western Canada	724,441,723	705,840,875	2.6	2.6
Imports from U.S.A.	-	4,006,954	-100.0	-60.5
Total Receipts	853,891,187	832,675,885	2.6	3.1
<u>DISPOSITION</u>				
Sales to Customers	665,010,581	677,372,222	- 1.8	6.2
Injected into Storage	142,476,844	105,525,180	35.0	-15.4
Exports to U.S.A.	14,811,948	12,930,313	15.0	3.0
Line Pack	105,032	32,920	Ø	Ø
Used in Operation	22,314,288	19,441,672	14.8	2.4
Metering & Other Unaccounted	9,172,494	17,373,578	Ø	Ø
Total Disposition	853,891,187	832,675,885	2.6	3.1

Natural Gas in Ontario

Comparative Receipts & Disposition

Fourth Quarter 1977

(Preliminary)

In Thousands Cubic Feet

	October		November		December	
	1977	1976	1977	1976	1977	1976
<u>RECEIPTS</u>						
Produced	1,082,534	337,629	1,007,960	478,864	994,929	508,579
Withdrawn from storage	1,038,699	5,941,557	7,600,291	14,522,395	21,679,256	28,612,485
From Western Canada	62,757,759	59,477,504	57,246,622	60,383,189	65,631,542	62,810,720
Imports from U.S.A.	-	180,754	-	158,485	-	-
Total Receipts	64,878,992	65,937,444	65,854,873	75,542,933	88,305,727	91,931,784
<u>DISPOSITION</u>						
Sales to Customers	47,032,002	50,450,096	54,364,780	64,143,437	74,669,816	78,129,374
Injected into Storage	8,247,375	3,883,715	618,833	1,601,700	2,884,242	2,591,402
Exports to U.S.A.	1,186,700	1,038,961	1,190,515	1,156,457	1,325,984	1,370,871
Line Pack	3,020	35,160	102,980	15,920	-9,720	62,960
Used in Operation	1,978,081	1,579,578	1,716,325	1,670,205	1,977,509	1,723,354
Metering & Other						
Unaccounted	6,431,814	8,949,934	7,861,440	6,955,214	7,457,896	8,053,823
Total Disposition	64,878,992	65,937,444	65,854,873	75,542,933	88,305,727	91,931,784

Imports and Exports

No imports of natural gas from the U.S.A. were recorded during 1977.

In the fourth quarter, gas exported through Ontario to U.S.A. increased 4 percent over 1976 levels. In 1977, exports both through the Rainy River region of northwestern Ontario and into New York State increased.

Sales

In 1977 total sales of 665 billion cubic feet were reported. Sales were down 2 percent from 1976 levels. Fourth quarter sales decreased by 9 percent. Residential sales (accounting for 20 percent) decreased 3 percent; commercial sales (23 percent of the total) were down 1 percent; and industrial sales (57 percent of the total) decreased nearly 2 percent.

Percentage Changes in Monthly Sales by Customer Categories During Fourth Quarter Over Previous Year

	Residential		Commercial		Industrial		Total	
	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>	<u>1977</u>	<u>1976</u>
October	-17.1	15.4	- 9.2	7.4	-3.7	7.9	- 6.8	8.9
November	-27.9	60.8	-24.8	40.2	-6.0	14.1	-15.2	27.8
December	- 8.3	25.6	- 4.5	14.2	-2.5	16.6	- 4.4	18.0

NATURAL GAS IN ONTARIO

CONSUMERS AND SALES BY CATEGORIES

Year 1976

(Preliminary)

In Thousands Cubic Feet

1977

1976

1977/76
Percent Changes

1
6
1

Category	Number of Consumers	Quantities	Number of Consumers	Quantities	Consumers	Quantities
Residential	982,237	131,824,808	946,349	135,932,532	3.8	-3.0
Commercial	104,280	151,273,182	100,695	152,823,894	3.6	-1.0
Industrial	11,441	381,912,591	11,531	388,615,796	-0.8	-1.7
Totals	1,097,958	665,010,581	1,058,575	677,372,222	3.7	-1.8

Percent Change
1976/75

	Consumers	Quantities
Residential	3.8	12.1
Commercial	5.3	8.0
Industrial	5.2	3.7
Totals	3.9	6.2

